

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| S1 | 58 | (ikedai-yasunari.in. or hyakudai-toshihisa.in. or okada-takahiro.in. or ikeda-tamotsu.in. or kuroda-toru.in. or lai-naokiko.in. or tsuchida-kenichi.in. or sasaki-makota.in.) and (dab or (digital adj2 broadcast\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/30 11:30 |
| S2 | 3 | S1 and (sub adj2 (carrer\$1 or signal\$1 or frame\$1 adj2 channel\$1)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/12/01 09:04 |
| S3 | 0 | S2 and (random adj2 sequence\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/30 11:28 |
| S4 | 0 | S2 and (pseudo adj2 random) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/30 11:36 |
| S5 | 0 | S2 and @ad<"19990225" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/30 11:29 |
| S6 | 28 | (dab or (digital adj2 broadcast\$3)) same (pseudo adj2 random) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/30 11:38 |
| S7 | 0 | S6 and (sub adj2 (carrer\$1 or signal\$1 or frame\$1 adj2 channel\$1)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/30 11:31 |
| S8 | 52 | (dab or (digital adj2 broadcast\$3)) same (sub adj2 (carrer\$1 or signal\$1 or frame\$1 adj2 channel\$1)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/30 11:31 |
| S9 | 52 | S8 and (sub adj2 (carrer\$1 or signal\$1 or frame\$1 adj2 channel\$1)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/30 11:38 |

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| S10 | 10 | S9 and ofdm | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/30 11:37 |
| S11 | 0 | S10 and @ad<"19990225" and (frequency adj2 interleav\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/30 11:32 |
| S12 | 0 | S10 and @ad<"19990225" and (interleav\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/30 11:33 |
| S13 | 1 | S10 and @ad<"19990225" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/30 11:38 |
| S14 | 2 | S10 and (pseudo adj2 random) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/30 11:37 |
| S15 | 0 | S13 and (pseudo adj2 random) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/30 11:39 |
| S16 | 1 | S6 and ofdm | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/30 11:38 |
| S17 | 403 | (dab or (digital adj2 broadcast\$3)) and (pseudo adj2 random) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/30 11:40 |
| S18 | 7 | S17 and (sub adj2 (carrer\$1 or signal\$1 or frame\$1 adj2 channel\$1)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/30 11:39 |
| S19 | 4 | S18 and ofdm | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/30 11:38 |

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| S20 | 0 | S19 and @ad<"19990225" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/30 11:39 |
| S21 | 80 | ofdm same (pseudo adj2 random) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/30 11:39 |
| S22 | 10 | S21 and (sub adj2 (carrer\$1 or signal\$1 or frame\$1 adj2 channel\$1)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/30 11:46 |
| S23 | 3 | S22 and (dab or (digital adj2 broadcast\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/30 11:39 |
| S24 | 0 | S23 and @ad<"19990225" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/30 11:40 |
| S25 | 322 | (dab or (digital adj2 broadcast\$3)) and (random adj2 sequence) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/30 11:46 |
| S26 | 29 | S25 and ofdm | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/30 11:40 |
| S27 | 3 | S26 and (sub adj2 (carrer\$1 or signal\$1 or frame\$1 adj2 channel\$1)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/30 11:40 |
| S28 | 0 | S27 and @ad<"19990225" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/30 11:46 |
| S29 | 95 | (dab or (digital adj2 broadcast\$3)) same bpsk | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/30 11:59 |

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| S30 | 172 | (pseudo adj2 random) and (sub adj2 (carrer\$1 or signal\$1 or frame\$1 adj2 channel\$1)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/30 11:44 |
| S31 | 0 | S29 and ((pseudo adj2 random) and (sub adj2 (carrer\$1 or signal\$1 or frame\$1 adj2 channel\$1))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/30 11:45 |
| S32 | 126 | 375/146.ccls. and (pseudo adj2 random) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/30 11:45 |
| S33 | 5 | S32 and (sub adj2 (carrer\$1 or signal\$1 or frame\$1 adj2 channel\$1)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/30 11:53 |
| S34 | 2 | S33 and @ad<"19990225" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/30 11:59 |
| S35 | 0 | S34 and (dab or (digital adj2 broadcast\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/30 11:46 |
| S36 | 2 | S32 and (dab or (digital adj2 broadcast\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/30 11:53 |
| S37 | 24 | (terrestrial adj2 broadcast\$3) same (pseudo adj2 random) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/30 11:54 |
| S38 | 0 | S37 and (sub adj2 (carrer\$1 or signal\$1 or frame\$1 adj2 channel\$1)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/30 11:54 |
| S39 | 143 | (terrestrial adj2 broadcast\$3) and (pseudo adj2 random) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/30 11:54 |

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| S40 | 3 | S39 and (sub adj2 (carrer\$1 or signal\$1 or frame\$1 adj2 channel\$1)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/30 11:54 |
| S41 | 1 | S40 and @ad<"19990225" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/30 11:56 |
| S42 | 1 | S41 and modulat\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/30 11:56 |
| S43 | 83 | S30 and @ad<"19990225" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/30 11:59 |
| S44 | 1 | S43 and (dab or (digital adj2 broadcast\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/30 12:00 |
| S45 | 0 | "5465396".pn. and (pseudo adj2 random) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/30 12:01 |
| S46 | 0 | ("5465396".pn. "5315583".pn. "5278844".pn. "5278826".pn.) and (pseudo adj2 random) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/30 12:01 |
| S47 | 66 | tdma same (dab or (digital adj2 broadcast\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/12/01 07:44 |
| S48 | 17 | S47 and (pseudo adj2 random) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/12/01 07:42 |
| S49 | 1 | S48 and (sub adj2 (carrer\$1 or signal\$1 or frame\$1 adj2 channel\$1)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/12/01 07:44 |

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| S50 | 16 | tdma same (sub adj2 (carrer\$1 or signal\$1 or frame\$1 adj2 channel\$1)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/12/01 07:44 |
| S51 | 1 | S50 and (dab or (digital adj2 broadcast\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/12/01 07:47 |
| S52 | 1 | S51 and ((pseudo adj2 (random or noise)) or pn) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/12/01 07:46 |
| S53 | 0 | 375/146.pn. and (dab or (digital adj2 broadcast\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/12/01 07:47 |
| S54 | 0 | 375/346.pn. and (dab or (digital adj2 broadcast\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/12/01 07:47 |
| S55 | 0 | 370/459-478.pn. and (dab or (digital adj2 broadcast\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/12/01 09:03 |
| S56 | 22 | 370/478.ccls. and ofdm | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/12/01 09:04 |
| S57 | 14 | S56 and @ad<"19990225" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/12/01 09:04 |
| S58 | 12 | S57 and broadcast\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/12/01 09:05 |
| S59 | 0 | S58 and (sub adj2 (carrer\$1 or signal\$1 or frame\$1 adj2 channel\$1)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/12/01 09:04 |

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| S60 | 2 | S58 and (main adj2 (channel\$1 or signal\$1)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/12/01 09:09 |
| S61 | 0 | S60 and (pn or pseudo) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/12/01 09:09 |
| S62 | 0 | 370/210.ccls. and ((dab or (digital adj2 broadcast\$3)) same ((sub adj2 (carrer\$1 or signal\$1 or frame\$1 adj2 channel\$1)))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/12/02 07:20 |
| S63 | 0 | 370/210.ccls. and ((dab or (digital adj2 broadcast\$3)) same ((sub adj2 (carrer\$1 or signal\$1 or frame\$1 adj2 channel\$1 or slot\$1)))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/12/02 07:20 |
| S64 | 0 | 370/210.ccls. and ((dab or (broadcast\$3)) same ((sub adj2 (carrer\$1 or signal\$1 or frame\$1 adj2 channel\$1 or slot\$1)))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/12/02 07:20 |
| S65 | 1 | 370/210.ccls. and ((dab or (digital adj2 broadcast\$3)) and ((sub adj2 (carrer\$1 or signal\$1 or frame\$1 adj2 channel\$1 or slot\$1)))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/12/02 07:21 |
| S66 | 1 | 370/478.ccls. and ((dab or (digital adj2 broadcast\$3)) and ((sub adj2 (carrer\$1 or signal\$1 or frame\$1 adj2 channel\$1 or slot\$1)))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/12/02 07:21 |
| S67 | 0 | S65 and (pn or (pseudo adj2 random)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/12/02 07:21 |